



Program: Welding Technology
Associate of Applied Science

Campus: Trinidad Main Campus (TMC), Trinidad Alamosa Campus (TAC)
 Program Code: AAS_EPIW
 CIP Code: 48.0508



SMART PATH

First Semester

Course Code	Course Name	Credit Hours
OSH 127	10-Hr. Construction Industry Standards	1
WEL 102	Oxyacetylene Joining Processes	4
WEL 113	Oxyfuel and Plasma Cutting	2
WEL 121	Structural Welding I	3
WEL 124	Introduction to Gas Tungsten Arc Welding	4
WEL 125 or WEL 224	Introduction to Gas Metal Arc Welding or Advanced Gas Tungsten Arc	4
	Total	18

Second Semester

Course Code	Course Name	Credit Hours
BUS 121	Basic Workplace Skills	1
WEL 122	Structural Welding II	3
WEL 125 or WEL 224	Introduction to Gas Metal Arc Welding or Advanced Gas Tungsten Arc	4
WEL 203	Flux Cored Arc Welding I	4
WEL 230	Pipe Welding I	4
WEL 231	Pipe Welding II	4
	Total	20

Welding Technology Associate of Applied Science (continued)

Third Semester

Course Code	Course Name	Credit Hours
ENG 115 or 121	Technical English and Communication or English Composition I: GT-CO1	3
MAT 107, 120, 121 or 135	Career Math, Mathematics for Liberal Arts: GT-MA1, College Algebra: GT-MA1 or Introduction to Statistics: GT-MA1	3
COM 115 or 125	COM 115 Public Speaking or COM 125 Interpersonal Communications	3
AH1, AH2, AH3, AH4, SS1, SS2, SS3, SC1, SC2	AGE 205, ANT 101, AST 101, BIO 105, GEO 105, SCI 105	3
	Total	12

Fourth Semester

Course Code	Course Name	Credit Hours
AH1, AH2, AH3, AH4, SS1, SS2, SS3, SC1, SC2	AGY 240, ECO 201, ENV 101, HIS 122, PHI 112, PSY 101	3
Electives	ADE 135, BUS 102, BUS 115, CIS 118, DPM 103	3-4
Electives	DPM 103, WEL 102, WEL 121, WEL 122	3-4
Electives	BUS 102, BUS 115, CIS 118, ADE 135, DPM 103	3-4
	Total	12

TOTAL: 62 credits